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U.S. Appln. No. 09/845,382  
Reply to Office Action dated August 9, 2006

PATENT  
450100-03199

**IN THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

**Listing of Claims**

1. (Canceled)

2. (Currently Amended) A display method, comprising the steps of:

dividing a specific display area of a display apparatus into a plurality of areas as a function of a size of desired non-image data;

generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the non-image data; and

displaying the image generated, and

wherein a number of plurality of areas is proportional to the size of said non-image data

3. (Previously Presented) A displaying method according to claim 2, wherein a lightness or saturation of one or a plurality of pixels in each of said areas is modified by obtaining unit data quantities of said non-image data as data values of red, green and blue dots of said one or a plurality of pixels in each of said areas.

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4. (Currently Amended) A display method, comprising the steps of:

dividing a specific display of a display apparatus area into a plurality of areas as a function of a size of desired non-image data ;

generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the non-image data; and

displaying the image generated,

wherein a number of plurality of areas is proportional to the size of said non-image data.

~~wherein a number of said plurality of areas is a function of the size of said non-image data.~~

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Previously Presented) A displaying method according to claim 2, wherein boundaries between the plurality of areas are blurred after a lightness or saturation of one or a plurality of pixels in each of said areas is changed.

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9. (Currently Amended) A display method, comprising the steps of:

dividing a specific display of a display apparatus area into a plurality of areas as a function of a size of desired non-image data;

generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the non-image data; and

displaying the image generated,

wherein said non-image data is a text file, and

wherein at least a part of the contents of said text file is displayed in a form of text in such a manner as to be overlapped to image information,

wherein a number of plurality of areas is proportional to the size of said non-image data.

10. (Canceled)

11. (Currently Amended) A displaying apparatus, comprising:

means for dividing a specific display area of a display apparatus into a plurality of areas as a function of a size of desired non-image data;

means for generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting pixel data for each of the plurality of areas based on the non-image data;

means for displaying the image generated,

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wherein a number of plurality of areas is proportional to the size of said non-image data.

12. (Previously Presented) A displaying apparatus according to claim 11, wherein a lightness or saturation of one or a plurality of pixels in each of said areas is modified by obtaining unit data quantities of said non-image data as data values of red, green and blue dots of said one or a plurality of pixels in each of said areas.

13. (Currently Amended) A displaying apparatus, comprising:  
means for dividing a specific display area of a display apparatus into a plurality of areas as a function of a size of desired non-image data;  
means for generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the non-image data;  
means for displaying the image generated,  
wherein a number of plurality of area is a function of a size of said non-image data, and  
wherein a number of plurality of areas is proportional to the size of said non-image data.

14. (Canceled)

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15. (Canceled)

16. (Canceled)

17. (Previously Presented) A displaying apparatus according to claim 11, wherein boundaries among said areas are blurred after a lightness or saturation of one or a plurality of pixels in each of said areas is changed.

18. (Currently Amended) A displaying apparatus, comprising:  
means for dividing a specific display area of a display apparatus into a plurality of areas as a function of a size of desired non-image data;  
means for generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the non-image data; and  
means for displaying the image generated,  
wherein said non-image data is a text file, and  
and  
wherein at least a part of the contents of said text file is displayed in a form of text in such a manner as to be overlapped to image information, and  
wherein a number of plurality of areas is proportional to the size of said non-image data.

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19. (Canceled)

20. (Currently Amended) A medium for storing a program, said program comprising the steps of:

dividing a specific display area of a display apparatus into a plurality of areas as a function of a size of desired non-image data;

generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the non-image data; and

displaying the image generated,

wherein a number of plurality of areas is proportional to the size of said non-image data.

21. (Previously Presented) A medium according to claim 20, wherein a lightness or saturation of one or a plurality of pixels in each of said areas is modified by obtaining unit data quantities of said non-image data as data values of red, green and blue dots of said one or a plurality of pixels in each of said areas.

22. (Currently Amended) A medium for storing a program, said program comprising the steps of:

dividing a specific display area of a display apparatus into a plurality of areas as a function of a size of desired non-image data;

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generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the non-image data; and

displaying the image generated,

wherein the pixel data is proportional to a size of the non-image data, and

wherein a number of plurality of areas is a function of a size of said non-image

data, and

wherein a number of plurality of areas is proportional to the size of said non-image data.

23. (Canceled)

24. (Canceled)

25. (Canceled)

26. (Previously Presented) A medium according to claim 20, wherein boundaries between the plurality of areas are blurred after a lightness or saturation of one or a plurality of pixels in each of said areas is changed.

27. (Currently Amended) A medium for storing a program, said program comprising the steps of:

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dividing a specific display area of a display apparatus into a plurality of areas as a function of a size of desired non-image data;

generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the non-image data; and

displaying the image generated,

wherein said non-image data is a text file, and

wherein at least part of the contents of said text file is displayed in a form of text in such a manner as to be overlapped to image information, and

wherein a number of plurality of areas is proportional to the size of said non-image data.

28. (Canceled)

29. (Currently Amended) A computer readable program, comprising the steps of:

dividing said specific display area into a plurality of areas as a function of a size of desired non-image data;

generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the non-image data; and

displaying the image generated,

wherein the pixel data is proportional to a size of the non-image data, and



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wherein a number of plurality of areas is proportional to the size of said non-image data.

30. (Previously Presented) A computer readable program according to claim 29, wherein a lightness or saturation of one or a plurality of pixels in each of plurality of areas is modified by obtaining unit data quantities of said non-image data as data values of red, green and blue dots of said one or a plurality of pixels in each of said areas.

31. (Currently Amended) A computer readable program, comprising the steps of:  
dividing a specific display area of a display apparatus into a plurality of areas as a function of a size of desired non-image data;

generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the non-image data; and

displaying the image generated,

wherein the pixel data is proportional to a size of the non-image data, and

wherein a number of plurality of areas is a function of a size of said non-image data, and

wherein a number of plurality of areas is proportional to the size of said non-image data.

32. (Canceled)

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33. (Canceled)

34. (Canceled)

35. (Previously Presented) A computer readable program according to claim 29, wherein boundaries between the plurality of areas are blurred after a lightness or saturation of one or a plurality of pixels in each of said areas is changed.

36. (Currently Amended) A computer readable program, comprising the steps of:  
dividing a specific display area of a display apparatus into a plurality of areas as a function of a size of desired non-image data;

generating image data that is related to the desired non-image data and comprises the plurality of areas divided, by setting a pixel data for each of the plurality of areas based on the non-image data; and

displaying the image generated,

wherein the pixel data is proportional to a size of the non-image data,

wherein said non-image data is a text file, and

wherein at least part of the contents of said text file is displayed in the form of text in such a manner as to be overlapped to said image information, and

wherein a number of plurality of areas is proportional to the size of said non-image data.

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37. (Previously Presented) The display method according to claim 2, wherein a size of an area of said plurality of areas is smaller than an area corresponding to a thumbnail image.

38. (Previously Presented) A display method, comprising the steps of:  
generating image data that is related to a non-image data by setting a pixel data for the image data based on a content of the non-image data; and  
displaying the image generated.